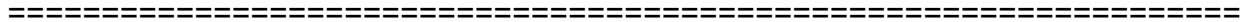


Getting Started with Shaper Origin  
with Noah Berkowitz-Mitchell & Jake Stilwell  
August 5-6, 2019 (Monday – Tuesday)

**Tool Requirements:**

- Shaper Origin – bring your shaper origin if you have one
- Dial or Digital Calipers (required)
- [Titan Mini Flat Bar](#) or similar (required)
- [Spare Cutters](#) (at least 2 of each  $\frac{1}{4}$  and  $\frac{1}{8}$  required)
- [Double Sided Tape](#) (required)

Noah Berkowitz-Mitchell  
[noah@shapertools.com](mailto:noah@shapertools.com)



Intermediate Projects with Shaper Origin  
with Noah Berkowitz-Mitchell and Jake Stilwell  
August 7-9, 2019 (Wednesday – Friday)

**Tool Requirements:**

- Shaper Origin - Bring you Shaper Origin if you have one
- Dial or Digital Calipers (required)
- [Titan Mini Flat Bar](#) or similar (required)
- [Spare Cutters](#) (at least 3 of each  $\frac{1}{4}$  and  $\frac{1}{8}$  required)
- [Tapered Ball End Mill](#) (required)
- Shaper Vertical Workstation (required - students will build this in the intro course)
- [Double Sided Tape](#) (required)